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Public Works

June 4, 1969

Mr. Eric M. Bergtraun
Assistant Director
Plant & Facilities Engineering
Fairchild Semiconductor
313 Fairchild Drive
Mountain View, California 94040

RE: INDUSTRIAL SEWAGE FLOW

Dear Mr. Bergtraun:

At our recent conference in your office, I brought to your attention that I am concerned about the capacity of the sanitary sewer in Whisman Road. The existing sewer in Whisman Road, between Murlagan Avenue and Evandale Avenue, is a 12-inch line. At Evandale Avenue it increases to a 15-inch line, which, in turn, empties into a 24" line in Fairchild Drive. Measurements taken near the end of April indicate the following:

- a) The sewer at Murlagan Avenue is running about one-half full.
- b) The sewer at Devonshire Avenue is running about 80% full.
- c) The 15" line at Evandale Avenue is running slightly less than one-half full.

The above measurements indicate that sewage flows from your facility on Whisman Road, between Murlagan Avenue and Devonshire Avenue, are of such magnitude that the sanitary sewer in the street is flowing at nearly its full capacity. In view of this situation, it appears prudent to plan ahead to provide added capacity in the event sewage flows should continue to increase.

As I see the problem, there are three alternatives that could be followed to provide added capacity - namely:

1. Construction of a new sewer in Whisman Road, from Murlagan Avenue to Evandale Avenue. This proposal is entirely feasible, but is most undesirable at this time because of the fact that Whisman Road has just been widened and completely reconstructed.

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2. Construction by the City of a sewer along the driveway paralleling Whisman Road on the easterly side of your buildings. This proposal is also feasible, but I gather it presents problems due to the fact the land is not owned by Fairchild and, therefore, some difficulty might be encountered in granting an easement to the City within which to construct the sewer.
 3. Extension by Fairchild of the existing service from Fairchild Drive, which serves the building on the corner of Fairchild Drive and Whisman Road, southerly to serve the buildings located along Whisman Road, between Murlagan Avenue and Evandale Avenue, now connected to the sewer in Whisman Road.

I will be greatly obliged if you will review this problem and help me reach a solution. Firstly, it would be helpful if we knew whether the sewage flows from your building connected to the sewer in Whisman Road will probably increase, decrease or remain approximately constant. If you think they may increase or decrease, the amount of said increase or decrease would be helpful. Secondly, it would be helpful to know if your firm is willing to follow either alternative 2 or alternative 3 as listed above.

I gather from my discussion with you and Mr. Williams that some of your current activities for complying with the City's ordinance relative to Industrial Wastes may be delayed for a month or two while reviewing this problem. I will be available to help resolve any problems which might arise because of said delay.

Your cooperation in helping resolve this problem will be greatly appreciated.

Very truly yours,

A. M. McKINNON
Director of Public Works

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City Manager
Assist. Director of Public Works
Water Division Engineer
Public Works Supt.
F/Y